

10/500647
Rec'd PCT/PTO 01 JUL 2004

ABSTRACT

An information transmission source forms transmission packet at a predetermined time unit into which a preamble is inserted, and transits it. The information reception target is returns an ACK 5 packet or an NACK packet into which a preamble is inserted. A hidden terminal recognizes that the transmission path is used for data retransmission from when the NACK is received to when the next reception of the ACK to avoid collisions. Further, when there is transmission data at the information transmission source specified by 10 a beacon signal, it is recognized that the transmission path is used until the next ACK is received. For example, in an ultra wide band communication method, access control is preferably executed with avoiding collisions of communication and as well as a retransmission control can be executed.

15